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ABSTRACT OF THE DISCLOSURE

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A machine tool transmission, in particular a spindle transmission, with which the force and/or the torque transfer from an output shaft (3) of a transmission (1) takes place directly on a spindle (15). The spindle (15) is placed co-axially over the output shaft (3). An integration of a sealed rotary feed-through is proposed to serve as a transfer device for the flow of cooling fluids, oil or air between the transmission output shaft and the spindle (15).